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THE GRADUATE

*For Alumni and Friends of the Dale Bumpers College of Agricultural, Food and Life Sciences
and the University of Arkansas Division of Agriculture*



A World of Difference

page 11



UNIVERSITY of ARKANSAS
1871

DALE BUMPERS COLLEGE
of AGRICULTURAL, FOOD AND LIFE SCIENCES

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COVER: Morgan Tanner of Piggott, an Apparel Studies major, is one of the student narrators in the new Bumpers College recruiting videos that feature the College and each of its 15 majors.

Ashley Harris named director of Bumpers Alumni Society

Ashley Harris, coordinator of student relations for Bumpers College, has been appointed director of the College's Alumni Society.

Harris will provide leadership for both the Alumni Society and the College's student recruiting efforts.

"Ashley has done a splendid job recruiting students for Bumpers College," said Dean Greg Weidemann. "She has demonstrated skill and imagination that have benefited the College and will serve the Alumni Society well. She is excited about the new opportunity, and I know the alumni board will be pleased with the job she'll do."

As alumni director, Harris works with the College Alumni Society board of directors and the Arkansas Alumni Association to plan events and increase society membership. She said her new duties fit well with her efforts to recruit new students and assist with student retention.

"The alumni really help with student recruiting in many ways," Harris said. "And it's important to bring the graduates into the alumni society, so combining recruiting and alumni efforts into one office is a natural match that's like completing a circle."

Harris joined Bumpers College as coordinator of student relations in 2000.

She received a UA degree in journalism in 1995, then joined the Washington, D.C., staff of Rep. Jay Dickey. Later, she worked on the environmental team of the Dutko Group, a lobbying firm. She returned to Arkansas to join Sen. Tim Hutchinson's staff in Little Rock before coming to the U of A. ■



Ashley Harris



COLLEGE AMBASSADORS — The Bumpers College Ambassadors for the 2004-05 school year are, first row, from left: Natalie West, Scott Walnofer, Destiny Sikes, Heath Hasenbeck, Carmen Albright and Chris Looney. Second row: Erin Turrentine, Jeremy Bullington, Lindsay West, James Crabtree, Conner McNair, Grant Carter and Suzanne Elser. The Ambassadors serve as liaisons to incoming and prospective students, goodwill ambassadors to the campus, and general information sources for students in the College.

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Ashley Harris, *Director,
DBCAFLS Alumni Society*

Ewell Welch, Sherwood
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The Graduate is published for alumni and friends of the Dale Bumpers College of Agricultural, Food and Life Sciences and the University of Arkansas Division of Agriculture. Send alumni news and other correspondence to Ashley Harris, Bumpers College Alumni Society Director, AFLS E108, University of Arkansas, Fayetteville, AR 72701.

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From the Dean



Gregory J. Weidemann
Dean and
Associate Vice President
for Agriculture-Research

We're still growing

I am pleased to report that undergraduate enrollment in Bumpers College exceeded 1,100 students this fall for the first time since 1983. Enrollment is up 5.2 percent over last fall to a total of 1,150 students according to the campus-wide 11th day of class report, including 27 non-degree seeking students at that time.

Campus-wide enrollment is a record 17,269, which is a 5.0 percent increase over last fall. A major growth area was the freshman class, which is 6.7 percent bigger than last fall.

This follows on the heels of an 8.9 percent increase in undergraduate enrollment for the College last fall.

Graduate student enrollment is stable after an 11.3 percent gain last fall. However, the number of graduate students attributed to Bumpers College is lower because our students in the interdisciplinary Cell and Molecular Biology program are now counted in the Graduate School rather than in our College. The change resulted in a fall 2004 total of 283 graduate students compared to 336 last fall.

We continue to work toward the goal of 2,000 undergraduates and 500 graduate students by the year 2010.

I am extremely grateful to our alumni who help with recruiting in addition to sending us your sons, daughters and grandkids. We promise to give them an excellent education and help them have a University of Arkansas experience that they will treasure.

There is a new energy in Bumpers College among our students, faculty, staff and alumni. I see it in the pride that our students show in their majors and the College. I see it in faculty support for our growing Honors Program and their dedication to advising students and teaching. I see it in alumni support for recruiting and development efforts conducted by our excellent staff.

In October, we dedicated four renovated classrooms that now have the latest teaching technology and a comfortable, attractive learning environment. These and other "technology classrooms" allow our faculty to better focus their efforts to guide students in their quest for knowledge. Gifts from alumni and friends through our Classrooms for Tomorrow initiative have allowed us to add a total of eight technology classrooms, so far. Recent pledges will allow us to renovate two additional classrooms in the near future. This has helped make our teaching facilities among the very best on campus.

As we enter the home stretch of the Campaign for the Twenty-First Century, we have already passed our campaign goal of nearly \$70 million for the College and Division of Agriculture. This could not have been possible without the excellent support of our alumni and friends who understand and appreciate what we do.

We will celebrate our College centennial in 2005 with a variety of activities. We have come a long way since 1905, as you can soon see in our new recruiting videos about the College and each of our 15 majors. The videos will be made available on a compact disc to prospective students and those involved in recruiting.

The videos make it clear that our 15 majors prepare students for a variety of great careers in the wide-open field of agricultural, food and life sciences, including the School of Human Environmental Sciences.

This tool will help us do a better job of informing prospective students about the diversity and quality of the 15 exciting majors we offer and, most importantly, the major that just might be the one for them. ■

Dear Alumni

Fall is a special time to be in the Ozarks, but it's also an exciting time to be a part of production agriculture in East Arkansas. The vibrant golden colors of soybeans, rice and corn in contrast with the white fields of cotton helps me understand the importance of our jobs in production agriculture. It appears this year that Mother Nature has blessed us with favorable weather for outstanding crop yields in many areas of the state.

Fall is also a good time to reflect on the past year's success in recruiting and retaining students. As Dean Weidemann reports in his column, our undergraduate student enrollment had an increase of 5.2 percent this fall to a total of 1,150.

Our society has hosted two functions over the last several months. We had a chance to be involved in a trade show at the Farm Bureau Leadership Conference in Springdale. This event helped reconnect our classmates with Farm Bureau members and provided a wonderful recruiting opportunity for our alumni board. I would also like to thank Ewell Welch for helping coordinate this event. His vision and commitment to the College are second to none.

Our second function was our pre-game mixer before the Texas game that had more than 100 in attendance. The food and fellowship were excellent, and I just wish the outcome of the game had been more favorable for Razorback fans. I want to personally thank the alumni who attended and our



board members who helped host the event. We are also making plans for next year's event so please consider coming back. In addition to these two activities, we attended the Human and Environmental Sciences brunch at homecoming on October 23.

I would also like to take this opportunity to introduce our new Society Director, Ashley Harris. Ashley replaced Cindy Meullenet this past summer, and she brings a tremendous amount of experience to this position. She will not only serve as Society Director of the alumni board but will also continue to serve as coordinator of student relations for Bumpers College. I know I look forward to working with Ashley and the enthusiasm that she will bring to the job. Cindy's kind and efficient manner will be greatly missed by the society, and we wish her great success in her future endeavors.

As we approach winter and the new year, I would personally like to wish all alumni a happy, safe and prosperous holiday season. Please don't hesitate to call Ashley at 479-575-7758 with any comments or suggestions.

A handwritten signature in dark ink that reads 'Darrin Malone'.

Darrin Malone



Darrin Malone
President, DBCAFLS
Alumni Society

Volunteers needed for Garden Show

The Northwest Arkansas Chapter of the Arkansas Alumni Association is calling for volunteers to help put together the next big event in our area.

The NWA Chapter is organizing the first annual "Hogs in Bloom" Garden Show, the first major garden show in Northwest Arkansas. Proceeds will go toward scholarships for University of Arkansas students from Benton and Washington counties.

The show will be March 18-20, 2005, at the Pauline Whitaker Animal Science Arena. The chapter is looking for volunteers in all areas, including volunteer coordination, publicity, operations and education.

Volunteers may contact Dana Gieringer at dana@stoneridgephotographers.com or 479-251-8660.

Bumpers professors receive USDA Southern Region awards

Jason E. Emmett, associate professor of poultry science, and Donald M. Johnson, professor of agricultural and extension education, received the two Southern Region awards in the Food and Agricultural Sciences Excellence in College and University Teaching national awards program sponsored by the U.S. Department of Agriculture.

This was the first time in the 13-year history of the program that faculty members from the same university received both awards for a region.

Dr. Emmert teaches courses on poultry production and careers and coaches the UA Poultry Judging Team.

Dr. Johnson teaches undergraduate courses in agricultural systems management and graduate courses in agricultural education.

Discovery journal features student scientists

Seventeen articles by student authors, with faculty mentors as co-authors, were published this fall in Volume 5 of *Discovery, The Student Journal of the Dale Bumpers College of Agricultural, Food and Life Sciences*.

The journal is produced by Dr. John Clark, faculty editor, and Camilla Romund, managing editor. Articles in Vol. 5 cover a broad range of topics including education methodology, animal and plant production issues, environmental concerns and food processing.

A pdf version is available online at: <http://www.uark.edu/depts/agripub/Publications/Discovery/index.html>

Titles and authors in this issue are:

- Effect of pig weaning age and commingling after the nursery phase on humoral and behavioral indicators of well-being and on growth performance — *Sarah C. Arthur, Mari E. Davis, Jason K. Apple and Charles V. Maxwell*
- Method analysis of laboratory measures of stream sediment and water phosphorus equilibrium — *Anna L. Erickson, Stephanie M. Williamson and Brian E. Haggard*
- Laboratory-scale evaluation of incandescent and compact florescent lamps for poultry house lighting

— *Leanne M. Gabriel and Donald M. Johnson*

■ Impact of dietary changes on hepatic homocysteine metabolism in young broilers — *Fauna M. Ganson, Padmakumar B. Pillai and Jason L. Emmert*

Emmert

■ Factors associated with student grades in Animal Physiology I — *Margo D. Hale and Charles F. Rosenkrans*

■ Evaluation of post-harvest disease resistance in blackberry genotypes — *John-Paul Kidd, John R. Clark, Patrick Fenn and Barbara Smith*

■ A comparison of recently introduced

instruments for measuring rice flour viscosity — *Nettie K. Mathis, Linfeng Wang and Terry J. Siebenmorgen*

■ Effects of vegetation removal on native soil quality in eastern Arkansas — *Lorena Moreno and Kristofor R. Brye*

■ Soybean seed yield and quality under an ultra-short-season production system — *Lorena Moreno, Tetsuaki Ishibashi, Pengyin Chen and Patrick Fenn*

■ Assessment and restoration of a neighborhood wetland invaded by exotic plant species — *Ryan J. Neal, Kimberly R. Payne, Lorena Moreno, Graham Duffy, Jonathan Peck, and Mary C. Savin and Pengyin Chen*

■ Effects of thinking-aloud pair problem solving on the troubleshooting performance of undergraduate students in a power technology course — *Michael L. Pate, George W. Wardlow and Donald M. Johnson*

■ Microbial biomass and nitrogen availability under the invasive plant species *Lonicera japonica* and native grasses in wetland soil — *Kimberly R. Payne, Mary C. Savin and Peter J. Tomlinson*

■ Acaricidal efficacy of various agents in the treatment of naturally occurring *Ornithonyssus sylviae* (Acari: Macronyssidae) infestations of chickens — *Maggie Phillips, T.A. Yazwinski, C.A. Tucker, Jennifer Robins, Jeremy Powell and Linda Stamps*

■ Aerobic stability of heat and orchardgrass round-bale silage — *Robert T. Rhein, Wayne K. Coblenz, Charles F. Rosenkrans Jr. and D. Wayne Kellogg*

■ A survey of the prevalence of parasitic helminths in broiler breeders — *Anita Sarathi, T.A. Yazwinski, C. Tucker and J. Robins*

■ Characterizing bean pod rot in Arkansas and Missouri — *Jeremey H. Taylor and Craig S. Rothrock*

■ Propagation of thornless blackberries utilizing adventitious shoots from root cuttings — *Ellen Thompson, John R. Clark and Curt R. Rom* ■



MILITARY FAMILIES — Sen. Blanche Lincoln, right, speaks with Donna Graham, associate dean of Bumpers College, and John Nazzaro, president of the United Way of Pulaski County, during a reception Oct. 19. Sen. Lincoln (D-Ark.) spoke at a charity luncheon to benefit Arkansas military families in need. During the luncheon a donation of \$1,050 was made to the Arkansas Homefront Fund to provide emergency assistance to Arkansas Reserve military personnel and their families. Dr. Susan Takigiku, assistant professor of human development and family sciences, was chair of a committee that has organized events for observance of the Tenth Anniversary International Year of the Family, sponsored by the United Nations.



Giving exceeds campaign goal

Bumpers College and the Division of Agriculture have exceeded the combined goal of \$69.35 million for the University's Campaign for the Twenty-First Century.

As of the end of October, the College and Division had a total of \$70.2 million in gifts and pledges from private donors. The campaign runs through June 30, 2005.

Greg Weidemann, dean of the College and associate vice president of research for the Division, said, "It is very gratifying to know that our alumni and friends have responded so generously to help meet our development needs."

He added that, "Through the end of the campaign we will continue to provide meaningful ways for alumni and friends to participate in meeting our critical needs in the areas of student scholarships; teaching, research and extension facilities; and faculty support."

Dean Weidemann praised the work of the campaign committee headed by alumni Leland Tollett and Stanley Reed and development directors Chuck Culver for the Division and Mark Power for the College. "They have done and continue to do a super job of working with donors and potential donors."

As of Oct. 31, the University campaign had raised some \$845 million of the \$900 million goal, and the campaign-within-a-campaign had raised \$210 million toward a goal of \$300 million for academic purposes to match the Walton Family Charitable Support Foundation's \$300 million gift. ■



HEMBREE AUDITORIUM — H.L. Hembree, right, and his family were guests at the Oct. 18. dedication of the H.L. Hembree Agricultural, Food and Life Sciences Auditorium. Other family members pictured are, from left, daughters-in-law Karen and Debbie, sons Lawson and Scott (both BC alums), and wife Janelle.

Electronic teaching tools replace chalkboard in Hembree Auditorium

The wood seats and chalkboard in use since the Animal Science Auditorium was built in 1964 are gone. They were replaced with upholstered seats, a modern décor and an impressive array of electronic teaching tools in what is now the H.L. Hembree Agricultural, Food and Life Sciences Auditorium.

The auditorium renovation was made possible by a gift of \$350,000 from H.L. and Janelle Hembree to the Bumpers College Classrooms for Tomorrow initiative, which is part of the University's Campaign for the Twenty-First Century.

The 144-seat auditorium is in what is now the Agricultural, Food and Life Sciences Building that houses the Animal Science Department and administrative offices for Bumpers College and the U of A System's Division of Agriculture.

Hembree is a former chairman of the UA System's board of trustees. He owns Sugar Hill Farms, Inc., at Fort Smith and Ozark, is former chairman and CEO of Arkansas Best Corporation and is a recent director of Oklahoma Gas and Electric Co. He has a bachelor's degree in Business Administration and a law degree from the U of A.

Dean Greg Weidemann said the teaching technology in the Hembree Auditorium is state-of-the-art. It includes the Symposium® system with an integrated multi-media projector with high-speed Internet access and document camera. ■

Donors provide technology-rich classrooms

Donors to the Classrooms for Tomorrow initiative of Bumpers College of Agricultural, Food and Life Sciences were honored at recent dedication programs for three “technology-rich” classrooms.

The classroom renovation initiative has helped provide the latest teaching technology and a comfortable, attractive learning environment in a total of eight classrooms and auditoriums, said Dean Greg Weidemann.

“Our students expect and deserve nothing less,” Dean Weidemann said at the Oct. 23 dedication of the Agnes Blew Auditorium in the Home Economics Building, which houses the School of Human Environmental Sciences.

The auditorium and a classroom in the building, which was built in 1939, now have Internet-linked, computer-driven audio-visual tools and an electronic system for immediate class response to questions. The Hyper Interactive Teaching Technology® system allows the teacher to conduct an instant, paperless “pop quiz” to check class comprehension.

“I feel that I am part of a college where not only the faculty, but also the alumni, really care about us and take care of us,” said Lindsay West of Prairie Grove, a senior agricultural education, communication and technology major.

The **Agnes Blew Auditorium** renovation was funded by a gift from Leland and Betty Tollett of Rogers in memory of Mrs. Tollett’s mother. The Tolletts are both members of the Campaign for the Twenty-First Century committee, with Leland serving as co-chair of the group focusing on development for Bumpers College and the U of A System’s statewide Division of Agriculture.

A gift from Noal and Joanna Lawhon of Sherwood made possible renovation of a classroom in the Plant Sciences Building. The **Jay and Lillian Lawhon Classroom** is named for Noal’s parents, founders of Lawhon Farm Supply Company based in McCrory and the World Christian Relief Fund, a humanitarian organization.

The Lawhon Classroom (Room



WALLS CLASSROOM — Carroll and Sue Walls are joined by Dean Greg Weidemann and Dr. Mary Warnock, head of the School of Human Environmental Sciences, following the dedication of the Walls Classroom.



BLEW AUDITORIUM — The first major renovation of the auditorium in the Home Economics Building, built in 1939, was celebrated as part of homecoming activities by the School of Human Environmental Sciences. The renovation was funded by Leland and Betty Tollett. The Agnes Blew Auditorium was named for Mrs. Tollett’s mother.



LAWHON CLASSROOM — Noal and Joanna Lawhon pose with son T.J. and his wife, Mandy, and their daughter, Sharee and granddaughter, Katelin, following dedication of the Jay and Lillian Lawhon Classroom, which was named for Noal’s parents.

007) is equipped with kits for DNA fingerprinting by students in laboratory classes, state-of-the-art teaching microscopes and a powerful microscopy projection system.

The **Carroll and Sue Walls Classroom** in the Home Economics Building was renovated with proceeds from the sale of property donated by the Little Rock couple.

Carroll Walls, named an outstanding alumnus of the College in 2003, was the first chairman of the UA

System’s Agricultural Development Council. He is a research forester with UAP Timberland LLC.

The gifts counted toward the \$300 Million Challenge which has raised \$210 million to match the Walton Family Charitable Support Foundation’s \$300 million gift by June 30, 2005. The Campaign for the Twenty-First Century has raised some \$845 million of the total goal of \$900 million as of Oct. 31. ■

Farm Bureau scholarship fund added to UA campaign

A scholarship endowment of \$360,000 established by the Arkansas Farm Bureau through its foundation, the Romeo Ennis Short Foundation, was recently added to the UA's Campaign for the Twenty-First Century contributions designated for Bumpers College.

Ewell Welch, executive vice president of Arkansas Farm Bureau, said, "It is a privilege to recognize and reward talented students who will be Arkansas' next agricultural leaders. The Romeo E. Short scholarship typifies Farm Bureau's commitment to Arkansas agriculture, paying tribute to its past by nurturing its future."

Dean Greg Weidemann said, "The Romeo E. Short Memorial Founda-

tion has provided scholarships for our students since 1955, including 10 this year, and we look forward to many more in the future."

The foundation was established in 1954 in memory of Romeo Ennis Short, a founding member of the Arkansas Farm Bureau in 1935. Students who received scholarships of \$1,400 for the current year are Amber Bennet of Carlisle, Hallie Dodson of Forrest City, Mark Morgan of Clarksville, Catherine Pendergrass of Charleston, Emily Rowland of El Dorado, Christy Skelton of Fayetteville, Ashley Swaffar of Farmington, Erin Turrentine of Bentonville, and Natalie West and Alicia Yancey of Prairie Grove. ■

Purcell named to Alzheimer Soybean Chair

Professor Larry Purcell has been appointed to the Ben J. Alzheimer Chair for Soybean Research.

The chair was first endowed by the Ben. J. Alzheimer Foundation in 1968 as one of the first two in the Division of Agriculture and Bumpers College.

Since the death of its first holder, Dr.

Charles Stutte, in 1991, the chair was left vacant to allow investment returns to grow the original endowment of \$100,000 to a current endowment of \$1.5 million. Future earnings will be used to enhance research, teaching and extension programs related to soybean production and to further increase the endowment principal.

John Selig, president of the Ben J. Alzheimer Charitable Foundation, Inc., said, "We are pleased to learn of Professor Purcell's appointment. We feel he is eminently qualified and will make significant contributions to the improvement of agriculture in the state of Arkansas through his teaching, research and other service as the holder of this chair."

A crop physiologist in the Department of Crop, Soil, and Environmental Sciences, Dr. Purcell's recent research has focused on ways to mitigate drought damage in soybeans. He teaches courses in organic crop production and plant nutrition. ■



Larry Purcell

Emmert to fill Poultry Federation Chair

Dr. Jason Emmert has been appointed to the Poultry Federation Endowed Chair for Poultry Science.

Since joining the faculty in 1997, Dr. Emmert, an associate professor, has received a number of teaching awards, including the recently announced Food and Agricultural Sciences Excellence in College and University Teaching award for the Southern Region sponsored by the U.S. Department of Agriculture. (See page 4.)

Dr. Emmert is undergraduate curriculum coordinator for the Poultry Science Department and coaches the Poultry Judging Team in addition to his teaching duties and research in poultry nutrition. He is a member of the University of Arkansas Teaching



Jason Emmert

Academy and has co-authored two Higher Education Challenge Grants to develop technology-enhanced poultry science modules.

"It's obvious to me this poultry center continues to balance the importance of both teaching and research in their programs," said Morril Harriman, president of the Poultry Federation.

"I was completely in agreement with the selection of Dr. Emmert for this position."

The chair was endowed by the Poultry Federation in 1998 to be held by a faculty member for three to five years to promote a program area and then moved to a different program. Funds generated from the endowment will be used to enhance Dr. Emmert's teaching programs. ■

Gifts benefit students

New scholarships and a graduate student award have been established by recent commitments to Bumpers College.

A pledge of \$25,000 by Richard Hudson, BSA '54, of Harrison will create the Hudson Family Endowed Scholarship for students majoring in animal science, with a preference for students on the livestock judging team.

Neill and Nancy Sloan of Lake Village will provide \$25,000 to create the Nancy and Neill Sloan Endowed Graduate Award for master's level graduate students whose thesis research involves cotton. Mr. Sloan serves on the Division of Agriculture/Bumpers College committee in the Campaign for the Twenty-First Century.

The McKee Foods Endowed Scholarship for food science students was established with a gift of \$25,000 from McKee Foods Corporation, Collegedale, Tenn.

The Bentonville Garden Club has made a \$25,000 pledge to endow a scholarship for the benefit of horticulture students. ■

NAADA honors Bob and Hazel Spitze

Drs. Robert G.F. (Bob) and Hazel Spitze were awarded the Ruby C. McSwain National Agricultural Alumni and Development Association (NAADA) Outstanding Philanthropist Award at the NAADA annual conference June 14 in Mobile, Ala.

The award recognizes the Spitzes' sustained giving to support agricultural higher education. They have endowed five student scholarships, the Land-Grant University Faculty Award for Excellence and a Public Policy Legislative Internship Award for Bumpers College students. ■

Pre-Game Party, Sept. 11



Alumni Society board members Bill Laney and Roy Runyan with past Society representative to the AAA board, William "Bill" Bowden.



CSES alumni and wives, Gerald and Sandy Wilson, Ron and Alice Talbert, and Jim and Doris Barrentine.



Alumnus Ed Mason with sons and grandson. Scott, center, is an Alumni Society board member. He and Matt and two brothers not pictured are all Agribusiness graduates.

Horticulture honors alumni and friends

The Department of Horticulture presented awards for Outstanding Friend to Janet Mitchener, Outstanding Alumnus to Dr. W. Randy Woodson and Distinguished Service to Elbert Baker during a reception Oct. 8 at Ella's Restaurant in Carnall Hall.

Mitchener of Fayetteville began her support of the horticulture program in 1999 with the words, "I want to help." Her flower shop and interior plant maintenance business fueled her interest in the Department of Horticulture, and she came to know faculty and students through her participation in the U of A Master Gardener Program. After meeting a student who was having financial difficulty, she anonymously paid the tuition for her senior year.

Mitchener's continuing desire to help the department led her to establish the Mitchener Family Undergraduate Research Program in 2000 to support and encourage research in undergraduate education. She has funded the program each year since then to provide up to five undergraduate research grants each fall. These grants have provided supplies, other materials and travel expenses for nearly 20 students. Many of those students have pursued graduate degrees after developing a taste for research through this program.

Woodson, BSA '79, a native of Arkadelphia, is interim dean of agriculture at Purdue University. He has been associate dean of agriculture and director of agricultural research programs at Purdue since 1998. Before then, he was head of the Department of Horticulture and Landscape Architecture. Woodson earned his master's and Ph.D. degrees at Cornell University and began his faculty career at Louisiana State University. He joined the Purdue faculty in 1985 as a professor of horticulture. His research focuses on the biochemical and molecular basis of plant aging, spanning the gap between basic plant biochemistry and molecu-



The Department of Horticulture presented awards during a banquet Oct. 8 in Carnall Hall. Elbert Baker, left, received the Distinguished Service Award, Janet Mitchener received the Outstanding Friend Award, and Dr. Randy Woodson received the Distinguished Alumnus Award.

lar biology to the application of this knowledge to the field of horticulture. Discoveries in Woodson's program led to the development of molecular approaches to improve post-harvest storage and shipping of horticultural products, increasing the useful life for the consumer. His research has been featured in *Business Week*, *The Futurist*, and *Discover*. He lives in West Lafayette, Ind., with his wife, Susan, and their three children.

Baker, BSA '71 MS '76, tried several fields before finding his niche in horticulture. Among those were cattle ranching, grain farming, timber cutting, factory worker, dairy farming, chicken farming, working in a grocery store and serving in the U.S. Air Force. These varied jobs allowed Baker to bring a good deal of experience with him when he enrolled in college at the

age of 31. He was employed by the U of A as a research assistant under Dr. George Bradley while working on his master's degree, and upon completing it, he became the resident director of the Strawberry Substation at Bald Knob. During his 18 years there he worked with small fruits and vegetables under the direction of five directors of the Experiment Station.

When the Strawberry Substation closed in 1994, Baker was transferred back to the U of A at Fayetteville, where he was appointed custodian for Federal Excess Properties. In 1995, he was appointed manager of the Harry R. Rosen Alternative Pest Control Center. Since retiring in 1998, Baker and his wife, Eileene, enjoy gardening, doing volunteering work and spending time with their six grandchildren. ■

Coming Soon: Bumpers College recruiting videos

Prospective students can learn about Bumpers College and our 15 majors from videos about the College and each major available in January on compact disc and the College Website.

The single CD is packaged with a printed insert that will also serve as a stand-alone brochure to introduce prospects to “A World of Difference” they will find in Bumpers College.

The CD includes a five-minute College overview and 15 one-minute videos on the majors. While playing the video on a computer, the viewer can go to a Web page for the College or any major.

The content emphasizes three main themes identified as important to the Bumpers College brand. The themes are the diversity of our majors, our family-like atmosphere, and the quality and value of the education we provide.

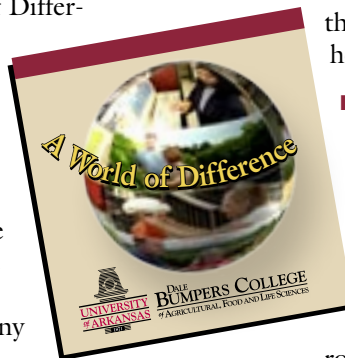
■ Majors

We want prospects to know about each of our majors to help them find one that matches their interests. This also helps identify Bumpers College as

a unique brand rather than a generic “agri/home ec” college.

■ Family-like atmosphere

A friendly, comfortable, family-like atmosphere was most often mentioned in a student survey as a reason students like their major and Bumpers College. This helps reassure prospects who might be concerned about the big campus far from home.



■ Quality and value

Every major provides an education of high academic quality and value. A degree from the University of Arkansas in a Bumpers College major starts graduates on the road to a great career, and they will have a strong alumni support network in their field of interest.

The CD and insert were produced by our students, faculty and staff. Thirty students have speaking parts. The College overview features original animation by Aaron Bartlett, also CD author and editor. Videographers were Bartlett and Fred Miller. Diana Bisbee directed the actors. Howell Medders coordinated production and wrote the scripts in cooperation with a represen-

tative of each major. Judy Howard, graphic designer; Fred Miller, photographer; and Howell Medders, writer, produced the insert. Amalie Holland provided editorial assistance. The executive committee included Donna Graham, Ashley Harris and David Edmark in addition to the production team. ■

Debate addresses environmental policies

Lawyers with opposing viewpoints argued the role of litigation in the development of environmental policy for agriculture during a debate in Bumpers College Nov. 11.

The Agricultural Business Club and the University of Arkansas Registered Student Organizations sponsored the debate. The featured debaters were Vince Chadick, J.D., of the Bassett Law Firm in Fayetteville and Barclay Rogers, J.D., a staff attorney with the Sierra Club of San Francisco. Chadick is a 1993 graduate of the U of A Law School and has completed his course work for the LL.M. degree in Agricultural Law. Rogers earned his LL.M. in Agricultural Law from the U of A.

Chadick said existing agricultural and environmental laws were sufficient to promote successful agricultural production while protecting the environment.

Although litigation is not as efficient as legislation as a tool for protecting the environment, it is often the only way to bring about needed regulatory changes, Rogers said.

Dr. Jennie Popp, assistant professor of Agricultural Economics and Agribusiness, said the debate was of value to agricultural business students in the agricultural law concentration and those studying environmental issues in agriculture.

“The purpose of the debate was to share information in order to better understand both sides of the issue,” Popp said. ■



SHOW BIZ — Videographers Aaron Bartlett and Fred Miller and director Diana Bisbee shoot a recruiting video scene at the Inn at Carnall Hall with, from left, Morgan Tanner, Brad Youngblood, Student Relations Coordinator Ashley Harris, Matt Fryar and Anita Sarathi.



NEW ALUMNA — Lane Fuller and parents, Brenda and Duke Harris of Fayetteville, view portfolios of graduates at the annual Portfolio Exhibition in May at the Fayetteville Town Center.



Interior Design is not HGTV

If your idea of interior design is HGTV, you should investigate a little more before choosing this major,” Dr. Marie Gentry advises students considering the interior design major at the University of Arkansas.

“This is a rigorous program. You have to develop time management skills and be ready to work hard and spend long hours in the design studio,” Gentry says.

In spite of the standard warning about hard work and long hours, enrollment has more than doubled over the past six years to 140 interior design majors. An encouraging word for some is that no prior art training, only an interest, is needed, Gentry says. Another is that the teachers are dedicated to helping hard workers succeed and enjoy their university experience, she adds.

The UA has the only interior design major in Arkansas accredited by FIDER, the Foundation for Interior Design Education Research. The major is in the School of Human Environmental Sciences, which is part of Bumpers College.

“With the economy picking up, all of the graduates who want jobs are getting offers,” says Catherine Wallack, who recently joined the faculty. Wallack, who has bachelor’s and master’s degrees in architecture from Rice and Harvard, respec-

tively, has worked in Boston and Fayetteville as a designer.

Graduates were buzzing about job prospects at their annual Portfolio Exhibition in May at the Fayetteville Town Center.

Liz Frawley of Little Rock, Jody Sell Pickering of Springfield, Mo., and Jennifer Taylor of Springdale are 2003 grads now with Colliers, Turley, Martin, Tucker (CTMT) in St. Louis where UA alumna Mary Lee Shipp is a vice president-principal. Formerly Mary Lee Fairhead of Jonesboro, Shipp was in the first graduating class of UA interior design majors in 1976.

The U of A is one of only three universities where Shipp actively recruits. “Arkansas graduates have better technical skills than most others,” she says.

CTMT is a commercial real estate company with clients that include international corporations. Shipp started the CTMT design group when she joined the company in 1977.

“It’s not just finishes and fabrics,” Shipp says. “Our jobs require business skills and working with building code, space planning, construction and managing client relationships.”

CTMT hosted the UA student chapter of the American Society for Interior Designers on a trip to St. Louis in October.

A group of students went on a two-week tour of Spain last spring. Most will visit design firms — and have internships — in cities such as Dallas, Kansas City, St. Louis, Chicago and New York, as well as in Arkansas, during their four years of study.

The UA curriculum includes team projects to develop design proposals for actual clients. Recent clients who have used student proposals are the Crescent Hotel in Eureka Springs, the UA Student Health Center and Heifer International. Next year, student teams will submit design proposals for a Heifer International Global Village adjoining the Clinton Presidential Library in Little Rock.

So, if it isn’t HGTV, what is it, Dr. Gentry?

“Interior design is fitting the near environment to the people who live, work and play there, looking out for the health, safety and well-being of the end-users,” she says. ■

This is the first in a series, to be continued in future issues, featuring each of our 15 majors with a profile of the major and an alumnus.

New alums

Listed below are several new Interior Design alumni from the Class of ’04, in addition to those mentioned in the accompanying article, who provided information about their first jobs.

Lane Fuller of Fayetteville is with The Arrangement in Bentonville. Whitney Williams of Westfork is with Bret Park & Company in Fayetteville. Coreena Cooper of Waldron works as a product development assistant with White River Hardwoods in Fayetteville.

Erin Simmering of Hope is with Williams and Dean Associated Architects Incorporated. Natalie Graham Biles of Russellville is with T. Lamarr Interiors in Little Rock. Mary Jill Ibison of Fort Smith is with Corgan & Associates in Dallas.

Sarah Pounders of Marshall, Joanna Morton of Fayetteville, and Stacy Leitch Linson of Seattle, Wash., all work with “Take It For Granite,” a new firm in Lowell. Caron Cooper of Brinkley works with Perkowitz and Ruth Architects in Rogers. Abby Spikes of Houston landed a position with The Cirrus Group in Dallas. ■

Walker's designs grace campus interiors

A study of the art of stretching a budget to create functional, comfortable and attractive interior spaces with a consistent atmosphere could include recently renovated Bumpers College auditoriums and classrooms, the Northwest Quad residence halls, Brough Commons Dining Hall, University House and a number of other spaces at the University.

All of those and many more were designed by Missi Walker, a graduate and former instructor of interior design in the School of Human Environmental Sciences.

After graduating in 1992, Missi Treadwell of Little Rock returned to her home town to a job as a junior designer at the Dillard's corporate headquarters.

"I got to travel all over the country, which I enjoyed at the time,"

Walker says. "Working with all the contractors and vendors on a store project was valuable experience."

Missi and Stuart Walker were married in 1995, moved back to Fayetteville, and she became an interior design instructor at her alma mater.

"I realized that the UA needed more consistency in design, and I convinced John Wichser (in University Housing) to hire me," Walker says. One major problem was badly dated designs.

"With our budgets, it might be 20 years or more before a space is renovated, so you just can't be trendy."

With a bigger than usual budget, from Chartwells, Walker's design for the Brough Commons Dining Hall

earned a Design of Excellence Silver Award from the American Society of Interior Designers.

After the birth of her son, South, in 2002, Walker gave up teaching and the UA designer job. Now self-employed, she continues to work on major projects for the University, including the Northwest Quad, for which planning began in 2000.

Walker was finally able to make what she considers a major improvement in the quality of life for students:

No cinderblock walls or tiled hallways.

"Sheetrock walls and carpeted halls provide a totally different look and feel, not to mention the noise level," she says.

The apartment living ambiance provided by the interior finishes Walker selected fits with the suite scheme in the Northwest Quad. Four-person suites have four bedrooms, two bathrooms and a living room. Others suites are designed for two or three persons.

Furniture in the suites, common areas and dining hall suggest a ski lodge atmosphere, accented by a double-sided fireplace and floor-to-ceiling glass walls in the dining hall. A mix of picnic tables built to Walker's specifications, stainless steel and bistro tables add an eclectic touch in the dining hall.

One of the few purely esthetic embellishments in the Quad was the hanging of works by local artists Jane Garrison, Don House, Martha Clayton Lee and William Flannigan.

"I think they give students a stronger sense of being part of Fayetteville and Northwest Arkansas. I hope we can add more from year to year," Walker says. ■



NORTHWEST QUAD — More than 600 students living in the new Northwest Quad enjoy an on-campus apartment living experience. Interior designer Missi Walker said just the change from cinderblock walls and tiled halls to sheetrock and carpet was a major enhancement to the quality of life for on-campus residents.

We're No. 1 in Poultry Science



Center of Excellence for Poultry Science

As part of one of the premiere poultry science programs in the United States and the world, the poultry science major in the Bumpers College is a unique opportunity for students interested in a career in poultry or related industries.

Poultry science majors discover the many opportunities available in this large and profitable industry through courses, internships, scholarships, presentations, tours, professional meetings and more.

The Poultry Science Department is part of the Center of Excellence for Poultry Science, which is a unit of the U of A System's statewide Division of Agriculture. It is home to 29 faculty members, which includes six USDA

Agricultural Research Service scientists and seven Cooperative Extension Service scientists. In addition to being outstanding teachers, the faculty are among the leading research scientists in their fields, which adds tremendous value to a degree.

A national magazine, *Meat and Poultry*, ranked the U of A No. 1 among universities in terms of our reputation in the poultry processing industry and in the top four for our reputation in the overall meat and poultry industry.

Many poultry science majors consider further education at a veterinary, dental, pharmacy or even medical school after completing their undergraduate studies.

Poultry science majors have the opportunity to participate in industry-supported internships. Sponsors include the National Chicken Council in Washington, poultry companies in Europe and companies throughout the United States. Internships provide the student with first-hand experience in specific careers, and they often lead to jobs with the sponsor.

Another activity that students enjoy is the Poultry Science Club. The club holds several fundraising events such as the Chicken Kitchen at the Arkansas State Fair, hosting a silent auction and cooking omelets for various meetings and organizations. Members collect food during the holiday season for families in need, help with the annual Poultry Science Scholarship Golf Tournament and host special speakers from the industry.

The 112,000 square-foot Poultry Science Center houses faculty offices, laboratories for research, teaching laboratories, a test kitchen, sampling room, USDA library, USDA offices, classrooms and an auditorium. It was completed in 1995 and is one of the best equipped buildings on campus for teaching and research.

Poultry science facilities off-campus are used in comprehensive research and extension programs. They also provide jobs for students and give them a broad overview of all aspects of the industry.

If you are interested in poultry science as an undergraduate or graduate student, there is no better place than Bumpers College at the University of Arkansas to pursue that interest. For more information or to schedule a tour, e-mail Gary Davis, gddavis@uark.edu, or Karen Eskew, keskew@uark.edu, or call either one at 479-575-3192. ■



NATIONAL CHAMPS — The UA Poultry Judging Team won first place in the National Collegiate Poultry Judging contest Nov. 7-9. Team members are (front from left) Valerie Brewer, Ashley Swaffar and Neda Tilley; (back row) Dr. Jason Emmert, coach; Josh Evatt, alternate; Dustin Biery and LeAnn Layman, assistant coach.

Cousin's footsteps lead to 'great opportunities'

As a young man, Shannon Fancher saw his cousin Brian attend the University of Arkansas, earn a degree in Poultry Science and then a doctorate in poultry nutrition from Georgia Tech. Brian was the very first in the entire family to attend college.

"I grew up in rural Arkansas and most everyone I knew raised chickens or worked for a poultry company. Brian chose a major that my whole family could relate to, and because of that, I saw the possibility for me to follow in his footsteps," said Fancher.

And follow in Brian's footsteps he did. Shannon graduated from Huntsville High School in 1990 and from the U of A in 1995 with his own degree as a Poultry Science major. One thing that Shannon did differently from his cousin was to marry a fellow Poultry Science major.

"I met my wife, Melissa Duke, during my last semester at the U of A. On our first day in animal physiology, I remember seeing this beautiful girl across the room and I wanted to meet her. As with all things that are meant to be, on the second day of class, a seating arrangement put us next to each other for the rest of the semester. We soon began dating, got engaged and were married in 1995.

Nine years later we are the proud parents of Halle Elizabeth, 5, and Sara Kathryn, 17 months," said Fancher.

Shannon's first job after graduation was line supervisor for at the Tyson Foods Randal Road Cornish Plant in Springdale. He has moved steadily



Melissa and Shannon Fancher

up the ranks to the specialty products division. "I am responsible for selling rendered poultry protein products. I am really excited about a career in sales, and I'm looking forward to my opportunities within Tyson Foods," said Fancher.

A member of the Poultry Science Alumni board of directors, Fancher said, "I feel we have a great opportunity to gain support and involvement from our alumni living in this area. I would like to see a scholarship being awarded and sponsored by the board."

Fancher said his memories of student days include "working on the poultry farm; working for Dr. Park Waldroup, one

of the greatest minds I have ever been around; traveling to Atlanta and taking part in the International Poultry Expo and learning how huge the industry really is; seeing Dr. Andrews, who is now retired, wearing his big Russian fur top hat in the winters; taking genetics and

barely making it through Dr. Kirby's sessions. In fact, some of the greatest memories I have are from days spent at the U of A."

Fancher was a Randal Tyson Memorial Scholarship student. "I was very grateful for the financial assistance I received because extra funds for school were non-existent for my family. I was able to leave school without a huge burden of debt.

"I wrote a letter to John Tyson thanking him for his commitment to sponsoring education and students such as myself. I had always wanted to give my very best, but because Tysons had contributed to the cost of my education, I was inspired to do even extra in order to pay them back for their investment in me. I can guarantee that Tysons' original contribution will be paid back with substantial dividends over the lifetime of my career," Fancher said.

Melissa worked for Tyson Foods when she graduated as well. She is now CEO of the Fancher household. "I feel blessed that I am able to have a job that makes this choice possible," Fancher said. "With a degree in Poultry Science, the possibilities are wide open. A person can absolutely work in any area of expertise or discipline. Even if you want to live abroad, the opportunities are endless.

"College was not easy for me, but I learned to work through tough assignments, knowing in the end I would be rewarded. And I have to say, that lesson still holds true not only in my career but in my life as well." ■

*"With a degree
in Poultry Science,
the possibilities are
wide open."*
— Shannon Fancher

'Stewards of the Land' made here

Many students who have no background at all in agriculture choose either the Crop Management major or the Environmental, Soil, and Water Science major in the Department of Crop, Soil, and Environmental Sciences (CSES).

"Any student with an aptitude for biological sciences and an interest in plants or nature is a good fit for one of our majors," said Dr. James Barrentine, head of the department.

The department this year started a new Wildlife Habitat minor and also offers a Pest Management minor.

Both majors, and the minors, prepare students for rewarding careers meeting the most basic needs of society. Jobs for graduates include research, education, service, marketing and management positions in the agribusiness industry and government agencies.

"The demand for our Environmental, Soil, and Water Science students is increasing as environmental concerns are addressed in Arkansas and across the nation," Barrentine said.

Crop Management careers range from farming the land, to advising farmers as a private consultant or Co-operative Extension specialist, to positions with agribusiness companies that provide the many agricultural support services and products.

"Agricultural industries are a lot more technical than they used to be," Barrentine said. "We get many calls from diverse companies who are looking for graduates with working knowl-

edge of everything from geographic information systems to molecular biology."

Students in both majors learn the science of using soil and water resources in a responsible manner to meet the world's

needs for food and fiber. And they learn about social, political and economic concerns that impact agricultural and environmental policies and practices.

In the Wildlife Habitat minor, students learn about the natural heritage of Arkansas and the science of wetlands and other natural habitats. They focus on principles and practices for protecting and, when appropriate, restoring natural habitats.

The Pest Management minor covers the biology and ecology of pest organisms and principles of safe, effective management of pests in plant and animal production systems.

The department's faculty and facilities are unmatched by any other Arkansas university and are among the best anywhere, Barrentine said. The 27 faculty members are experts in their fields. Students get personal attention in small classes and lots of hands-on learning opportunities in and outside of classes.

"Our faculty are nationally recognized scientists with strong research



Dr. Duane Wolf leads Environmental Soil and Water students on a tour of wildlife habitat near Lake Wedington in the Ozark National Forest.

programs," he said. "They are also excellent teachers. They like to teach and feel personal obligation to make sure students are prepared for the job market and to help them find jobs when they graduate."

The CSES student club, which includes students in both majors, is playing a leading roll in restoring a wetland as part of a Fayetteville city park. Both majors are represented on the Soil Judging Team that wins regional and national contests in competition with other major universities.

Students in both majors have opportunities to study abroad or work as paid interns in countries such as New Zealand, Scotland and England.

Graduates in both majors join a large network of alumni who are among the leaders in Arkansas and the nation in agriculture and natural resource management.

Alumni and friends of the department are very active in recruiting and sponsor the annual Delta Classic Scholarship Golf Tournament. Gerald Wilson of Germantown, Tenn., with Cheminova, Inc., organized the 2004 tournament at Helena Country Club, which raised over \$23,000 for scholarships. ■

"Our faculty are nationally recognized scientists with strong research programs."

— Dr. James Barrentine

Teague promotes 'ownership' of watershed

In college, Katie Teague, BS '91 MS '96, knew she wanted a career that would help protect the environment.

"I really liked the environmental field," she said. "I was especially interested in water quality and waste management."

After completing her master's degree, she went to work for the Washington County Extension Service to manage the U.S. Department of Agriculture-funded Moore's Creek Project. With only two years left in the project when she arrived, her future with the Extension Service was uncertain. But the opportunity to understand the environmental factors affecting the health of the watershed and to do something to protect its quality was worth the doubt.

The Moore's Creek Project ended in 1998, but Teague is still on the job with the Extension Service, helping to protect the Ozarks environment. Today, she manages the Northwest Arkansas Storm Water Education Program, funded by the University of Arkansas and northwest Arkansas city and county governments.

"The goal is to educate government agencies and urban residents about how their activities affect water quality and steps they can take to protect the watersheds in Benton and Washington counties," Teague said.

The project involves 12 cities, two counties and the U of A in a federally-mandated effort to manage storm water runoff through public education and outreach, she said. Two main watersheds are involved. The Illinois River watershed drains the western areas of the counties toward Oklahoma and the White River watershed drains into Beaver Lake.

"People can understand the stakes when they know the affected body of water is their source of drinking water," Teague said.

"One of the obstacles to managing storm water is that many people don't know there's a difference between storm drains and sewer systems," she said.

Sewer systems use wastewater treatment to remove pollutants before the water goes into the watershed. In contrast, storm drains simply move runoff water off streets and directly into the ecology without filtration.

"When you wash your car and the soapy water runs down the driveway and into the gutter, it's carrying those detergents toward our streams and lakes," she said.

Runoff water is also carrying sediments and excess fertilizers and garden chemicals into the watershed.

Teague said her mission includes teaching city and county employees as well as citizens how to manage parks, lawns, gardens and agricultural lands to reduce or prevent the runoff of excess chemicals. She also shows how proper maintenance of vehicles and machinery can help eliminate oil leaks and other contaminants.

Construction in the area's booming development also can have a huge impact on water quality, Teague said. She offers workshops to help developers plan for and manage storm water runoff in developments and help them

to understand what is required by regulations and permits.

"My efforts are aimed at raising awareness of watershed concerns and the impact each person has on water quality," Teague said. "I want to help area residents to take ownership in the watershed and

know what they can do to protect the quality of our lakes and streams."

Teague said her undergraduate and graduate education helped prepare her for her career.

"Communications classes were the biggest help for what I do now," she said. "Most of what I do is educational presentations to people of different backgrounds. Being able to understand an issue and then define it and defend it to others is essential."

"A bachelor's degree gives you the well-rounded education and a broad background that helps you apply the skills you learn in an advanced degree to the real world," Teague said. "It can prepare you for anything." ■

"My efforts are aimed at raising awareness of watershed concerns and the impact each person has on water quality."

— Katie Teague



Katie Teague shows the importance of water quality to U of A students in the Wildlife Habitat class in the Department of Crop, Soil and Environmental Sciences.

Class Notes

1930s

London E. Chambers, BSA '38, lives in Bentonville, is 91 years old and has two sons and two daughters.

1940s

Allen V. Tornek, BSA '40, is retired after more than fifty years in the importing business and lives in Aventura, Fla.

Darwin Jones, BSA '42 MS '49, and **Effie Jones**, BSHE '42, are living in Bella Vista at their new address.

Bob Spitze, BSA '47, and **Hazel (Taylor) Spitze**, BSHE '43, recently celebrated their 60th anniversary. They are both retired professors, Bob in Agriculture Economics and Hazel in Home Economics. They reside in Urbana, Ill.

1950s

William P. Bowden, BSA '54, completed a term of seven years as a regent and trustee for Rose State College in Midwest City, Okla., this summer. He lives in Oklahoma City.

Mary Gail Gwaltney, BSHE '56, is chair of the New Mexico Democratic Party and a member of the Democratic National Committee. She also served on the Kennedy Center Board for six years. She and her husband, Lamar, own a number of movie theaters.

1960s

David E. Hopson, BS '66, lives in Wake Forest, N.C., and has been recently promoted to veterinary epidemiologist at the eastern regional office of the USDA Veterinary Services.

Gary Murphy, BS '68, retired from the UA Animal Science Department after 29 years as research assistant, research associate and resident director at the UA Beef Substation. He lives in Texarkana.

Jim Spotts, MS '69, retired from the US Department of Interior's Office of Surface Mining. He has formed Southeast Environmental Consultants in Atlanta.

1970s

Richard Rudolph, MS '72 PhD '74, has relocated to the Bayer CropScience Southern Field Technical Station in Molino, Fla.

Kwin Black, BSHES '76, passed the Registered Dietitian exam and completed her internship at St. Dominic Jackson Memorial Hospital in Jackson, Miss.

*Send your class notes to
Ashley Harris
awharris@uark.edu
or mail the attached card.*

Pat Paul, RD, LD, CDE, BSHE '76, is now a Certified Diabetes Educator (CDE) and is employed at the Washington Regional Medical Center in Fayetteville.

Sarah Basham Sequest, BSA '77, has remarried and moved to Dallas, Texas.

The United Egg Producers named **Dr. Philip Moore**, BS '78 MS '81, an Agricultural Research Service scientist in the USDA Poultry Production and Products Safety Research Laboratory at the University of Arkansas in Fayetteville, to a scientific panel of experts with experience in air emissions from layer facilities and/or environmental policy/regulatory background. Moore is an adjunct professor of crop, soil, and environmental sciences in the Bumpers College.

Jeff Tennant, BSA '78, was recently awarded the honorary American FFA degree and a listing on North Carolina State University's "Walkway of Champions" for work he did over two terms as the president of the North Carolina FFA Foundation.

1980s

Leah Chester-Davis, BSHE '82, is an extension communication specialist for urban programs at North Carolina State University.

Jacquelyn "Jackie" Driver, MS '83, now resides in Crawford, Texas.

Jane LeeAnn Siebert, MS '88, lives in Republic, Mo.

1990s

Terry Gentry, BS '93 MS '98, is a post-doctoral fellow with Oak Ridge Laboratories in microbial community analysis. He and his wife, Liza, have adopted a nine-year-old son, Robert.

Shundra L. Williams, BSA '93, is now living in Pearland, Texas.

Sunny Wilkerson, BS '97, is now Sunny Bottoms and is a Lincoln County extension agent-agriculture.

Jennifer Attak, BS '98, is working for an environmental consulting firm. She and her husband, Jack, are living in Forest Hills, Calif., in a cabin at the foothills of the Sierras.

Thomas Barber, BS '98 MS '00, was named the MSU Extension Service Cotton Specialist in July 2004. He recently finished his Ph.D. in Weed Science from Mississippi State University. Thomas and his wife,

Scharidi (Hale) Barber, BS '00, live in Starkville and have two children.

Sheri Herron, MS '98, has formed Heron Soil Interpretations LLC and is executive director of her non-profit EcoSustain and for two other non-profits serving the poultry industry: Eucha Spavinaw BMPs, Inc., and BMPs, Inc. She lives in Farmington.

Michelle Kim, MS '98, is a senior technician in the Cell Biology Department at Washington University in St. Louis.

Natasha Moore, BS '98, spent three years with the Peace Corps in Bolivia and worked this summer as an interpretive park ranger at Black Canyon in the Gunnison National Park in Colorado.

Jeff Priebe, BS '98 JD '01, is an associate at Armstrong Allen PLLC. He lives in Little Rock.

Jeannie (Evatt) Cronan, BS '99, is a field research technician at UC Davis on a carbon sequestration project.

2000s

Andy Daniel, BSA '00, received his M.D. degree in May 2004 from UAMS. He also received several honors: secretary, class of 2004; presented Class Response at the hooding ceremony; the Winston Shorey Award for the senior who best represented the qualities of an ideal physician; the Leonard Tow Humanism in Medicine Award; and the Family Practice Award by the Dept. of Family and Community Medicine for special achievement. He will complete his residency in family practice in Fayetteville.

Jason, MS '00, and **Heather**, BS '00, **Pulley** were recently promoted to, respectively, water quality treatment manager for the City of Salem, Ore., and institutional sales specialist with Bayer Pharmaceuticals. Their son, Ethan, is 15 months old.

Fabrice, PhD '00, and **Gail**, MS '00, **Renaud** moved to Bonn, Germany, where Fabrice will work with the United Nations University on land degradation and flooding.

Dawn Allison Stout, BSA '00, just completed her first year of teaching first grade and will be teaching second grade at West Fork Elementary this coming year. She and her husband welcomed their first child, Cameron Blake, in summer 2004.

Indi Braden, MS '01, is on the faculty at Southeast Missouri State University.

Jenny Norton, BSA '01, graduated in Dec. 2003 from Virginia Tech with an M.S. in Food Science and is currently working as a food scientist in the Research and Development Division at TIC Gums in Belcamp, Md.

Ashley Hammae, BSA '02, is a masters student at Auburn University in Agronomy

At the Heart of Arkansas Agriculture is Arkansas Farm Bureau



and Soils. Ashley married Kenitra Reaser in May.

David Joshua Walker, BSA '02, has graduated with an M.S. in Physiology from Colorado State University. He will begin his Ph.D. program at Colorado State this fall.

Alisha J. Hughes, BSHES '03, is attending graduate school at Colorado University in Denver.

Frank Edrington McCarty, BS '03, is living in Marion.

Mohammed Al Qinna, PhD '03, is teaching at Hashemite University and the

University of Jordan.

Jinfa Zhang, MS '03, is working on her Ph.D. at The Ohio State University.

Jessica Blodgett, BSHE '04, is a mental health technician at Shadow Mountain Behavioral Health in Tulsa while pursuing an M.S. in social work.

Jason Bond, PhD '04, is an assistant professor/rice agronomist at the LSU Ag Center in Crowley.

Jeff Edwards, PhD '04, is a small grains specialist in the Department of Plant and Soil Sciences at Oklahoma State University.

Weddings

Denise (Dilday) Traylor, BSA '01, married Gregg Traylor on May 1, 2004, and they live in Benton.

New Arrivals

Born on Aug. 23, 2003, to **Steven "Bradley" Davis**, BSA '99 MS '01, and **Belinda (Farris) Davis**, BSA '02, a son, Jacob Gregory Davis.

Born to **Jimmy Wayne Frisby**, BSA '91 MS '04, and **Monica Morgan Frisby**, BSA '93, a son, Cason Harrison, in Fayetteville.

CSES recognizes Outstanding Graduates

The Department of Crop, Soil, and Environmental Sciences presented Outstanding Graduate awards to Dr. Joyce Hardin, dean of students and vice president of student affairs at Harding University, and Otis W. Howe III, district sales manager for Pioneer Hi-Bred International, Inc.

The awards were presented at a December 3 reception at the University House.

Dr. Hardin received M.S. and Ph.D. degrees with the late Charles Stutte as her major professor. She held faculty positions at the University of Oklahoma and University of Central Oklahoma before moving to Little Rock in the late 1980s with her husband, Tom, and two sons.

Dr. Hardin took an adjunct faculty position to teach human biology at



Joyce Hardin



Otis W. Howe

Hendrix and was promoted to chair of the natural science area and then to her present position.

Howe has a B.S. degree in Agribusiness and an M.S. in Weed Science under Dr. Dick Oliver. He began his career as a sales representative with the Agricultural Products division of Dupont, working out of Little Rock. After Dupont acquired Pioneer, Howe moved up to his present position.

Howe serves on the board of the Arkansas Crop Protection Association and is secretary of the Arkansas State Plant Board. He and his wife, Dawn, also an alumna of the department with B.S. and M.S. degrees, have a son and daughter. ■

WILDLIFE HABITAT MINOR — Students in the new Wildlife Habitat minor in the Department of Crop, Soil, and Environmental Sciences visited Mudd Creek in Fayetteville on a recent field trip. The creek is part of a new park area managed as a mitigated wetlands in the midst of shopping centers and other commercial development. Professors Dave Longer, far right, and David Miller developed the new Bumpers College minor.



THE GRADUATE

DBCAFLS Alumni Society
P.O. Box 1070, Fayetteville, AR 72702

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